/29 cont'd/

439 Their trade with the Chinese is carried on both by barter and by
436 the use of corns. When they exchange rice for goods with the Chinese it is the latter kind of trade; when they use money to buy things, it is the former. (In 1935, when silver was nationalized by the Chinese government, paper currency replaced silver coins throughout the country. But the Li and the Miao refused to accept the paper currency, and their medium of exchange continued to be silver or brass coins.) The trade between the Miao and the Chinese is
[[71]] exactly the same as that between the Chinese and the Li. In my book, Report on an Investigation of the Li of Hainan Island, I have described in detail the kinds of commodities traded between the Chinese and the Li and the prices of each, so that it is unnecessary
439 to repeat them here. The Miao export such things as rice, grain, cotton, edible tree fungi, and hides, but only on a small scale. Occasionally, there are also a few relatively well-to-do persons who own one or more small hillsides which produce lumber and rattan. They hire several workers to work the year round to cut lumber and split rattan, and raise a few oxen for transporting them downhill to the Chinese markets. This lumbering enterprise is very profitable.
313 Among the wealthy owners is Lu Tsun-ying, the Miao headman of
554 Ang-chi village in Ta-ch'i. Although he owns only a meager amount of property, he is considered one of the few comparatively wealthy people among the Miao, but he is not to be compared with the big landowners among the Li.

/30/ Chapter IV. Social Organization

1. The Family

592 The family is the basic unit of Miao social organization, with
594 both large families and small families existing at the same time.
596 A "large family" is a family of three generations or more living together. Two generations or more living separately is a "small family." When a comparison is made, however, the large family

/61 cont./

731 was due not to human nature but to environment. A policy
648 geared to the solution of the basic problem should try to improve the livelihood of the Miao and to remove the pressure of population through migration. Otherwise, Miao disturbances cannot be eliminated and will remain a source of trouble.

241 Restricted by the size of their land area the Miao seek to
433 utilize every inch of land. Comparatively level land is made into fields to be inundated. The slopes from the foot to the waist of the mountain are terraced. The higher slopes are made into yü fields. On mountain land unsuitable for grains are
[245 planted tung trees (Illus. 32), tea plants (Illus. 33), and pine
258 trees (Illus. 34). Oil can be extracted from tung and tea seeds,
313] and the pine tree yields lumber (Illus. 35), thus providing relatively good profits forming the major part of their income from auxiliary products. Hence, the Miao are experienced in planting the tung tree and tea plants.

245 The planting of the tung trees requires first the selection of a site where not only is the earth suited for the tung tree but where the location is convenient for picking and transportation. If the slope is precipitous, transportation is difficult, and moreover the seeds may roll down into the ravine while being picked. After a place has been picked, the "slash and burn" method of cultivation is used, first all the trees and undergrowth being cut down. After some ten days to a month of sunshine and wind blasts, the felled trees and grass gradually become dried up. Then they set fire to it, and the earth becomes scorched. The soil is dug after it has been well-soaked by rain. Digging generally is done in the spring, in the second and third month, and in the winter in the tenth and eleventh months. The earth has to be dug deep to loosen the soil so that the tung trees can grow tall and big and produce solid seeds, and live a long time. The selection of the tree is guided by the size of the tree and the abundance of the seeds, those of ball shape being preferred. The planting season is from the tenth month to the second month of the next year. Either seedlings are nursed for one

2:Ling & Ruey--94 E-5 (1933) 1947 AE5 Miao AE5

313
245

Illus. 35. Pine logs.

4:Mickey E-5 (1940-?) 1947 AE5 Miao AE5

The villages of
Sze-nan and San-kioh both are important lumber centers. 313

Tigers are reported in the northeastern part of the province. There are also said to be wolves, wild boars, white pheasants, and giant salamanders. I have seen wild cats in the hills and rabbits for sale in the market at Kweiyang. There are many domestic animals, including "yellow cows," water buffalo, pigs, sheep, goats, ducks, geese, and chickens. The first two are used as draft animals, for plowing. There are no full-sized horses, but ponies and small mules are used as pack animals. 136 231

In mineral wealth Kweichow is considered to have greater possibilities than any other province of China. Coal is common and may be had for merely scratching the surface. The richest mercury mines in the world are in Kweichow. It is the only mineral exported, although from the iron in Wei-ning cooking vessels are manufactured which are sold all over Yünnan, as well as Kweichow. In addition, there are gold, silver, copper, and nitrate of potash in sufficient quantities to warrant mining them. 135

The province should also be of great interest to botanists. I met in Kweiyang an Austrian who had collected over three hundred species of plants. As I went to market from the mountain village in which I was living to Lung-li I would count the flowering plants I saw. There were never fewer than thirty in blossom, many times more than fifty. At times the hills would be rosy with azaleas, at other times blue with bluebells of several kinds, while during their season more than a hundred white lilies would be in view at certain points. Hedges of wild roses border some of the paths. There are wild fruit trees, berries, and flowering vines. Nearly every flowering plant we grow with much care in our gardens is found wild on the Kweichow mountains. 137

4:Michey E-5 (1948-7) 1947 AES Misc AES

The next day after a baby was born, the mother appeared with it in a pad on her back, and in a few days she was doing regular work again. As long as the baby was fed its mother's milk only, she carried it thus about her work at all times and of all kinds, especially if there was no older woman or child to carry it while it was asleep. She swung it down from her back and laid it to sleep on the pad in fine, warm weather, while she worked. On rainy days the children gathered around her and received some much-needed discipline as she sewed and mended.

FIG. 11. Bamboo shuttle.

Women sometimes quietly watched animals as they grazed or ducks and geese as they swam on the pond. After the stable was built for House 11, the pit in the north room was filled in. One day I heard a pounding and discovered a woman of the household bending over and pounding with a heavy wooden mallet the clay which, well mixed with water, had been thrown into the pit until it made a floor level with the floors in the other rooms of the house. At another time I saw a woman making a clay floor in a granary. Women regulated the activities of the household and of cultivation, did some of the transporting of grain and other produce to market, the selling, and the purchase of supplies there.

Men did the plowing and harrowing, with only an occasional woman doing the latter. They cast the rice into the seed beds. Women put in other seeds. Occasionally an older man worked in fields or gardens. Men cut timber, sawed lumber into planks and beams, cut down bamboo poles, cut wood into lengths for firewood, shaped poles, and did most of the transporting of wood to market, though women sometimes carried a lighter load. Men helped with the gathering of fuel and grass when the need was most pressing and similarly did some of the carrying of water. They did an almost equal share of the cleaning of stables and transporting and spreading of fertilizer. They did a little more than an even share of the hauling out of grain in the field

39: Bernatzik--384 E-5 (1936-1937) 1947 AO1 Thailand
Miao AE5

/278 cont./

342 joiners, etc., all at the same time. They say: 'If we were able to make salt, we would easily surpass all other peoples.'"

[313] Savina (2) writes further: "The wood most used for construction

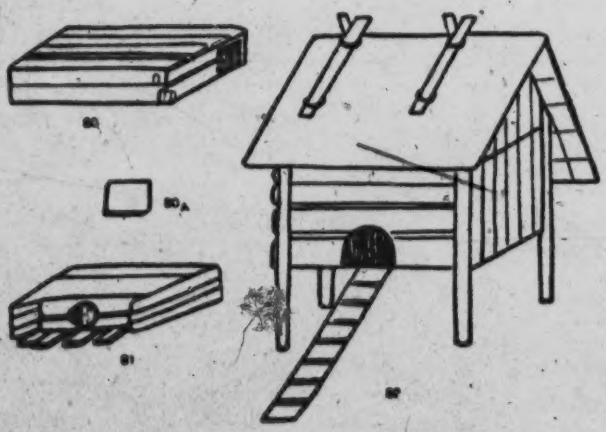
2. II, p. 189.

purposes and also for burning is that of pines (Pinus rigida), which is common in the mountains. There are two kinds of pine wood, black and red."

343

Fig. 79.
Granary of the Meau.
1/100 nat. size.

[417]



Figs. 80-82. Chicken Coops of the Meau.

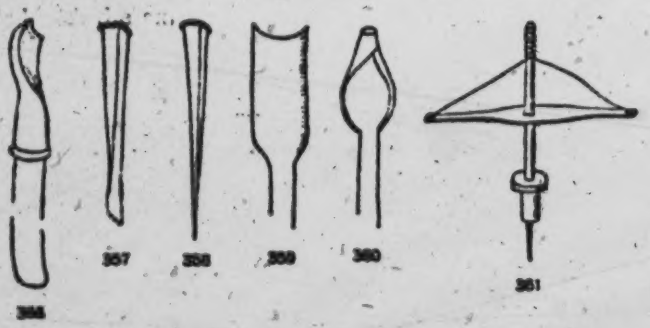
Fig. 80-81. Boxlike chicken coops on the ground, 1/44 nat. size. Fig. 82. Chicken coop on piles, 1/36 nat. size.

/406 cont./

322 [412] stamping out spirit-money (see the chapter, "Religion and Magic"), round punches (Fig. 359) and hollow punches (Fig. 360) are in use. /Figs. 356-361 appear here./

[824] [313] The posts on which the houses rest are made of termite-proof teak or of pine wood; for all other purposes, regardless of whether it is a matter of building material or wood for the making of implements, termite-proof wood is not used, but rather other kinds of varying hardness. The tree trunks are

412



Figs. 356-358 and 361. Woodworking Instruments of the Meau.

Figs. 359-360. Paper Punches of the Meau.
Fig. 356. Round chisel, 1/6 nat. size. Fig. 357. Flat chisel, 1/10 nat. size. Fig. 358. Awl, 1/10 nat. size. Fig. 359. Round punch, about 1/5 nat. size. Fig. 360. Hollow punch, about 1/5 nat. size. Fig. 361. Drill, 1/20 nat. size.

322 [313] felled with the ax, barked, and split apart into planks with wooden wedges. If it is a matter of wood that cannot be split along the grain, one does not use even the wedge, but cuts a single board out of each trunk with the ax by ripping off one chip after another from either side until a plank of the required thickness is obtained. This is a very laborious procedure, but usually one can select wood that can be split with wedges. In that case the Meau obtain the planks needed for a whole house from a few strong tree trunks.

/437 cont./

462 large trees, building stables for cattle, horses, and pigs, the
[231] care of domestic animals that bite, and saddling the pack animals. Another task exclusively for the men is the making of weapons; only the men make arrow poison and poison the weapons, catch mammals and birds, cook opium, and make alcohol. Furthermore it is their task to chop up the large trunks
[342] into firewood. In housebuilding, on the other hand, the men alone set only the posts.

Actually, the hard struggle for existence in the mountains of Farther India requires the full co-operation of the woman. Abadie (1) has likewise made the same observation:

1 Page 151.

"It is the task of the Meau women to carry firewood and water; also among their activities are the preparation of yam, spinning,
[241] weaving, dyeing, batik work, embroidery, all the housework
[248] and the cooking, and the weeding in the fields." Savina (2)

2. II, p. 211.

mentions further that the cultivation of flax is reserved to the women, but the Meau in Thailand do not practice it.

Both sexes do the work in the fields, clear the virgin
[241] forest, lay out the rice fields, sow, plant, and bring in the harvest.
[231] Among the joint tasks there are also reaping, fishing, paper-making, the care of the good-natured domestic animals, knitting or crocheting, netting, plaiting, house construction, in particular the strenuous dragging in of the building materials, as well as the bearing of burdens in general, the operation of the stone mills, and the sacrifices to the ancestors and spirits.

461 /438/ There is no actual work specifically for the chil-
857 dren. The children grow into their future activity, as has already been described in the chapter, "Life in the Community," the section, "Children at Play and Work." Obviously, the fetch-
[313] ing of firewood and water-carrying are left for them; boys are
[312] used as messengers and appear to be as trustworthy at it as in
[231] feeding the domestic animals in the stables or in tending them
[203] in the pastures.